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Abstract of the Disclosure

2 An elongated, hollow spinal needle that is less prone to
3 causing postdural puncture headache by having a modified, pencil-
4 like point with a rounded shoulder at the juncture between the
5 modified, pencil-like point and the body of the spinal needle. A
6 side port is formed in the hollow needle at a position adjacent the
7 rounded shoulder. The leading edge of the side port is located not
8 more than 1.5 times the external diameter of the hollow needle from
9 the tip of the pencil-like point to reduce the bending moment
10 between the tip and the side port. The cross sectional area of the
11 side port is configured to be equal to or incrementally larger than
12 the cross sectional area of the lumen of the hollow needle.

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